

#7. California Coast.

D^r 4450 to D^r 4499.

H^y.

May 11th to 19th, 1904.

No. 2.

Dr: 4450. to 4499 inclusive

Sy: ~~4499~~ no hydrog

4804 No. in this

book

and of each hand the
general character
as given by

1904
May 13-am.

P. C. H. L. Co.
Montgomery 1/2 c

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4450* Date *May 11-04*

Tanner Machine. Reel.

Turns *59* Cor. + *1* Depth *60 fms*

Shot or lead *26 lb*

Bottom *dk gn M*

Bottom temperature *48° and 48° again*

No. of thermometer *98242* Cor.

Corrected temperature

Air *53°* Surface *54°* Drift

Trawl or dredge *11' Tanner* *with 3 fms* *3 fms* *3 fms*

SOUNDING WIRE.

DOWN. P.M. UP.

TURNS.

DREDGE ROPE.

DOWN. P.M. UP.

1.31.30 *1.35.00*

0

1.32.00

50

1.35.00

100

1.37.30

50

2.07.20

200

time 29 min 50
Interm Sledge
1.40.00 - 58 fms

300

1.47.00 - 58

400

1.54.00 - 56

500

1.57.00 - 56

600

2.07.20 - 55

700

Temper 48°

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Surface Trawl over at 1.44
" " in at 2.04
out 2.0 min

cont. W $3/4$ S

Dr. Course SE4E

Bar 29.96

Thornall 59.

Wind SW, force 2-3

Pleasant, happy, Loghouse

to N & W

Sea Smooth

Two Letters following

2500

2600

2700

2800

2000

3000

3100

3200

3300

3400

2500

2600

—

1

25

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr 4451

Date May 11th 04

Tanner

Machine.

Reel.

Turns 57 Cor. + 1 Depth 52 fm

Shot or lead 26 lb

Bottom gm m s

Bottom temperature 48.2° and 48.5°

No. of thermometer 98242 Cor.

Corrected temperature

Air 53° Surface 54° Drift

Trawl or dredge 11' Tanner's before

SOUNDING WIRE.

DOWN. F. 16. UP.

TURNS.

DREDGE ROPE.

DOWN. F. 16. UP.

2.19.00	2.22.00	✓ 0	2.19.10	2.56
		100	2.23.00	2.52.00
		75	✓	
		200	time 29 min	
		300		
2.33.00	48	400	water haul,	
2.43.00	47	500		
48.00	47	✓ 600		
Temp 48.50		700		
		800		
Surface net at 2.26	✓	900		
net at 2.36		1000	ahead at 3.02	
out 10 min.		1100	canoe W. 6 N	
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dr. Linné S. E. & E.
Remarks
as before

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

2. 19. 10 { Bearing of Bay 28° 46' 16" S } Beginning of
2. 32. 14 { Bearing of Bay 65° 26' }
2. 51. 46 { Bearing of Bay 55° 12' }
End of line

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				Dr. 4451. for Position Angles.
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4452* Date *May 11 '04*

Tanner Machine. Reel.

Turns *48* Cor. + *1* Depth *49 fms*Shot or lead *26 lbs*Bottom *gn. M. S.*Bottom temperature *47.8°* (also see inter. sig)No. of thermometer *98242* Cor.

Corrected temperature

Air *53°* Surface *54°* DriftTrawl or dredge *10' Blake with all night mud can*

SOUNDING WIRE.

DOWN. *PM* UP.

TURNS.

DREDGE ROPE.

DOWN. *PM* UP.

3.29.30	3.32.00	0	3.28.30	4.07.00
		50	3.33.00	
		100		
		75	3.36.00	4.03.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900	4.01.25	
		1000	4.06.30	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Inter. Soundings.**3.40.00 49+1 = 50 fms**3.49.00 49+1 = 50 "**3.56.00 49+1 = 50 "**4.00.00 50. Bot. 48.5°*

Dr
Course SW

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Si Ho to Bay 65° 38'
Bearing of Si Ho S 1/2 W
3. Time PM. 2 52 45
Si Ho to Bay 66° 55'
Lt Ho. to Bay 69° 21'

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1155 Date 11 Mar 1900

Tanner Machine. Reel.

Turns 49 Cor. + 1 Depth 47 fms

Shot or lead 26 lb

Bottom dk gn. M.

Bottom temperature 41.5

No. of thermometer 98242 Cor.

Corrected temperature

Air 56 Surface 54 Drift

Trawl or dredge 10 Blake

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4.35	4.58.00
		100	4.41.00	4.47.00
		200	= 28	min.
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	Pressure
Dr. Com. 2. 11.	2700	1. 1. 1. 1. 1.
Clear over head, blue sky	2800	1. 1. 1. 1. 1.
Motors, breeze, S.W.	2900	1. 1. 1. 1. 1.
1. 1. 1. 1. 1.	3000	1. 1. 1. 1. 1.
Bar. 29.95	3100	1. 1. 1. 1. 1.
Therm. at 6. 5	3200	1. 1. 1. 1. 1.
1. 1. 1. 1. 1.	3300	1. 1. 1. 1. 1.
	3400	1. 1. 1. 1. 1.
	3500	1. 1. 1. 1. 1.
	3600	1. 1. 1. 1. 1.
	3700	1. 1. 1. 1. 1.
	3800	1. 1. 1. 1. 1.
	3900	1. 1. 1. 1. 1.
	4000	1. 1. 1. 1. 1.

Lt. H. L. Marsh 30° 27'

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			1. 1. 1. 1. 1.	29° 45'
50			1. 1. 1. 1. 1.	29° 49'
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *144* 4 Date *May 12 1907*
 Tanner Machine. Reel.
 Turns *200* Cor. + *3* Depth *203 fms*
 Shot or lead *28.16* *21 fms*
 Bottom *BR. T.*
 Bottom temperature ~~_____~~
 No. of thermometer ~~_____~~ Cor. ~~_____~~
 Corrected temperature ~~_____~~
 Air *54°* Surface *54* Drift ~~_____~~
 Trawl or dredge *Van Fleet*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	<i>8.27</i>	<i>9.00</i>
		100	<i>11.10</i>	<i>8.30</i>
		200	<i>14.10</i>	
		300		<i>8.10</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1455* Date *May 12 1904*
Tanner Machine. Reel *1*
 Turns *60* Cor. + *1* Depth *118*
~~Shot or lead~~ *28*
 Bottom *gn M.*
 Bottom temperature *48.0*
 No. of thermometer *781* Cor.
 Corrected temperature *✓*
 Air *51°* Surface *51°* Drift
 Trawl or dredge *1*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

~~100~~~~80~~~~60~~

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

+ 28 lb

Total 45 lbs

2 1/4 S
 20. 11"
 Therm 58, 75°

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 446* Date *July 12*
Tanner Machine. Reel.
 Turns *54* Cor. + *1* Depth *55 fms*
~~Shot or lead~~ *28 lbs*
 Bottom, *gy. M.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *54°* Surface *53°* Drift
 Trawl or dredge *11' Tanner*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Intermediate Soundings

Bar 30.11"	2500	0.250	53.50
Temp 59°	2600	0.250	53.50
Heat no.	2700	0.250	53.50
Winds	2800	0.250	53.50
	2900	0.250	53.50
	3000	0.250	53.50
	3100	0.250	53.50
	3200	0.250	53.50
	3300	0.250	53.50
	3400	0.250	53.50
	3500	0.250	53.50
	3600	0.250	53.50
	3700	0.250	53.50
	3800	0.250	53.50
	3900	0.250	53.50
	4000	0.250	53.50

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4457* Date *Sept 12, 1904**Sigsbee* Machine. Reel.Turns *45* Cor. + *1* Depth *46*Shot or lead *35*Bottom *dk gy. M.*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *50.2* Surface *53.0* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *36* Date *May 12 '04*
Sigsbee Machine. Reel.
 Turns *36* Cor. + *1* Depth *37 fms*
 Shot or lead *35 lbs*
 Bottom *gy. m. s. bk. gy. m. s. bk.*
 Bottom temperature
 No. of thermometer *1115* used Cor.
 Corrected temperature
 Air *54°* Surface *53* Drift
 Trawl or dredge *Beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		<i>11.5.55</i>
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *15* Date *12*
Tanner Machine. Reel.
 Turns *13* Cor. + *0* Depth *13 fms.*
 Shot or lead *28 lb*
 Bottom *fine gy. S.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *59°* Surface *54°* Drift
 Trawl or dredge *10' Blue Sinter*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.32.00</i>		0	<i>1.30.20</i>	<i>1.40.00</i>
		30		
		100	<i>1.32.10</i>	<i>1.42.00</i>
		200	<i>8 min.</i>	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	103° 12'
	2900	103° 12'
Dr. C. C. C. N. Y. by 10	3000	103° 12'
Overcast and Windy.	3100	103° 12'
Light breeze from N. E.	3200	103° 12'
Smooth Sea.	3300	
Bar. 30.08	3400	
Therm. 62°	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *12. 4460* Date *12 May 04.**Tanner* Machine. Reel.Turns *54* Cor. + *1* Depth *55* fms.Shot or lead *28 lb*Bottom *gn: gy. G.*

Bottom temperature

No. of thermometer *✓* Cor.Corrected temperature *-*Air *58* Surface *✓* DriftTrawl or dredge *10' Blake, Dredge, Trawl.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.55.30</i>	<i>✓</i>	0	<i>2.55.30</i>	<i>3.25.00</i>
		<i>75</i>	<i>3.00.00</i>	
		100	<i>3.05.00</i>	
		<i>80</i>	<i>3.10.00</i>	<i>3.19.45</i>
		200		
		300	<i>✓ 2.0 min.</i>	
		400		
		500		
<i>3.05.00</i>	<i>55</i>	600		
<i>07.00</i>	<i>67</i>	700		
<i>19.00</i>	<i>167</i>	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	Position:
Dir course, E S E 3/4 E.	3000	Swims line 2 x 2.
Nearly constant, heavy	3100	2000
Lt. airs from N. by N. E.	3200	2000
Smooth Sea.	3300	2000
2000 30.0.	3400	2000 - S S E
2000 30.0.	3500	2000 - S S E
	3600	2000 - S S E
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Current Temp.			
50	3:07. - 3:17 = 11 min			
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D. 4461.* Date *12 May 1904.**Sigsbee* Machine. Reel. *#1*Turns *264* Cor. + *21* Depth *285 fms.*Shot or lead *36 lb.*Bottom *gn. sf.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *58°* Surface *56°* DriftTrawl or dredge *10' Blake as before, with prevention.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3:07.00</i>		0	<i>3:07.00</i>	
		100	<i>42.00</i>	
		200		
		300	<i>51.00</i>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
Dr. Course, ESE 1/2 E	2900	
Fair, misty.	3000	
Lat. 31° 10' N. Long. 106° 10' W.	3100	
Bar. 30.05	3200	
Therm. att. 61.	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2320

No. 100, 102, Date

13. 11. 1944

Singer Machine. Reel, #1. Navy.

Turns 240 Cor. + 2 1/2 Depth 760 fms

Shot or lead 36 g

Bottom ry. M.

Bottom temperature See inter edys.

No. of thermometer 98246 Cor.

Corrected temperature

Air 55° Surface 53° Drift

Trawl on dredge 10' Blake with live bait

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.38.30	8.45.00	0	8.44.30	9.19.00
39.25	44.00	100	48.20	16.45
40.30	43.05	200	52.20	15.40
8.41.25	8.42.15	250	55.00	02.10
		300	58.00	00.00
		350		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
Dr. Course, ESE 1/2 E	2800	Positive:
Overcast; light	2900	Beginning of rain x
Light rain, 11 AM	3000	Salines - 5 1/2 C.
Emitted Sea.	3100	Lt H.v. - 5 1/2 C.
Rain. 30.1	3200	Saline - 5 1/2 C.
Ther. at 59°	3300	Lt H.v. - 5 1/2 C.
A few X's	3400	Saline - 5 1/2 C.
A S. Scaballo about	3500	Lt H.v. - 5 1/2 C.
A Whale.	3600	
	3700	
	3800	
	3900	
	4000	x in submarine Valley.

ESE SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *12* Date *12*
Sigsbee Machine. Reel. *1*
 Turns *103* Cor. + *8* Depth *111 fms.*
 Shot or lead *36 lb*
 Bottom *rky.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *55* Surface *53* Drift
 Trawl or dredge *11' Tanner with prevention.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.20.00</i>	<i>✓</i>	0	<i>9.20.00</i>	<i>9.20.00</i>
		100	<i>9.20.00</i>	<i>42.20</i>
<i>Inter. Ldg.</i>		<i>130</i>	<i>9.27.00</i>	<i>2.11.00</i>
<i>9.40</i>	<i>4.40</i>	200		
		300		
		400		
		500		
		600		
		700	<i>Very fine sand.</i>	
		800	<i>Very fine sand.</i>	
		900	<i>Very fine sand.</i>	
		1000	<i>Very fine sand.</i>	
		1100	<i>Very fine sand.</i>	
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
Dr. Coma	2900	Dist. (x)
Fing. long	3000	
Lat. 40° 40' N	3100	Saline - 35.0
South Sea	3200	W. 40 - 2
32.4	3300	
3400	3400	
3500	3500	
3600	3600	
3700	3700	
3800	3800	
3900	3900	
4000	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *A-4464* Date *13 May 04**Sigsbee* Machine. Reel. *1 Nady*Turns *47* Cor. + *4* Depth *51 fms*Shot or lead *36 lb*Bottom *dk gy m. (Sigsbee)*Bottom temperature *see inter logs*No. of thermometer *98246* Cor.

Corrected temperature

Air *54* Surface *53* DriftTrawl or dredge *8' Tanner with beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10.15.00</i>	<i>10.11.30</i>
		100	<i>10.27.00</i>	
		200		
		300	<i>10.37.00</i>	
		400	<i>10.47.00</i>	
<i>10.12.20 - 4.20</i>		500		
<i>10.17.00 - 4.40</i>		600	<i>10.57.00</i>	
<i>10.21.00 - 5.00</i>		700		
<i>10.25.00 - 5.20</i>		800		
<i>10.29.00 - 5.40</i>		900	<i>11.07.00</i>	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
Dr. Course, ESE	2800	
Fair, breeze	2900	
Gentle breeze from W. & W.	3000	10.20.30
Smooth sea,	3100	Sal - 54.0
Bar. 30.11	3200	Sal - 54.0
Therm. alt. 57.4°	3300	10.20.30
2 vol. air, sea surface	3400	Sal - 54.0
	3500	Sal - 54.0
	3600	10.20.30
	3700	Sal - 54.0
	3800	Sal - 54.0
	3900	10.20.30
	4000	Sal - 54.0

SERIAL TEMPERATURES:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4465* Date *12 May 04.*

Machine. Reel.

Turns *29* Cor. + *2* Depth *31 fms.*Shot or lead *36 lb*Bottom *S*

Bottom temperature

No. of thermometer *25* Cor.Corrected temperature *-*Air *54* Surface *53* DriftTrawl or dredge *8' Tanner as before*

SOUNDING WIRE.

DOWN. UP.

*10.20**10.25**10.30**10.35**10.40**10.45**10.50**11.00 - 22**11.10 - 21**11.20 - 20**11.30 - 19**11.40 - 18**11.50 - 17**12.00 - 16**12.10 - 15**12.20 - 14**12.30 - 13**12.40 - 12**12.50 - 11**1.00 - 10**1.10 - 9**1.20 - 8**1.30 - 7*

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN. UP.

*10.20**10.25**10.30**10.35**10.40**10.45**10.50**11.00**11.10**11.20**11.30**11.40**11.50**12.00**12.10**12.20**12.30**12.40**12.50**1.00**1.10**1.20**1.30*

	2500	
	2600	
	2700	
	2800	
	2900	Position:
Dr. Consec. E.S.E.	3000	10.53.00
Nearly clear, hazy horizon	3100	Sal. 34.5
Gentle breeze W.S.W.	3200	11.12.00
Smooth sea	3300	11.12.00
Bar. 30.11	3400	Sal. to 35.57°
Ther. att. 59.4°	3500	Sal. to 35.57°
4 whales and several	3600	11.12.00
gulls in sight.	3700	Sal. to 35.57°
	3800	Sal. to 35.57°
	3900	(Center 1/2) NE 1/4 E.
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 24466.

Date 13 / 11

Machine.

Reel.

Turns 80 Cor. + 6

Depth 86 fms

Shot or lead 36 lbs

Bottom gr M. & R

Bottom temperature

No. of thermometer not used

Cor.

Corrected temperature

Air 57°

Surface 54°

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

0

100

150

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Position (Lat. Long.)

1. 37.0 open Tank NE 1/2 E
1. 32.00. Reg. NW 1/2 W

	2500	
	2600	3. { Soaguel R. NW 1/2 W
	2700	3. { Tank NE 1/2 E
	2800	
	2900	2. 17.0 open Soaguel R. NW 1/2 W
	3000	2. 17.0 open NW 1/2 E
Soaguel R.	3100	2. 23.10 open
	3200	H. Moss. E 1/2 N
Strong long from West	3300	W. B. C. R. N. N. E
4 H. L. S. S.	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4464* Date *May 13 1911**Tanner* Machine. Reel.Turns *53* Cor. + *1* Depth *54 fms*~~Shot~~ or lead *26 lbs*Bottom *gt. dk. gn. m.*Bottom temperature *41.0*No. of thermometer *98246* Cor.

Corrected temperature

Air *59.0* Surface *57.4* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Station 9

	2500	
08"	2600	N 60 E
1"	2700	E 40 N
2.5"	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 742 Date July 1891

Tanner *Sigs* Machine. Reel.

Turns 50 Cor. + 1 Depth 51

Shot or lead 26 lbs & 16 lb

Bottom fm S

Bottom temperature See inter. & logs.

No. of thermometer 98246 Cor.

Corrected temperature

Air 57.0 Surface 54.0 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

			3, 16.00	4.07.00
		100	3, 21.30	4.03.20
		200		3.59.00
		300		
3.20.00		400		2.12
3.24.00		500		2.50.00
30.00.14	207	600		Time 3.50m
34.00.28	Sigs 309	700		
34.00.29	" - 292	800		
3.49.00		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		Hand Andy 1.00m
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Bar 30.08" Heat 61° Weather B. & C. - Wind fresh W 511 Sea smooth Direction of Drift	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	W	71° 34'
	3200	H	Mossy Green - ENE 3/4 S
	3300	H	Saline " CS 278.5
	3400		Saline " 26.5 7/8
	3500		
	3600		58
	3700		56 56
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4469.* Date *May 14th 04**Sigsbee* Machine. Reel.Turns *50* Cor. + *4* Depth *54 fms.*Shot or lead *36 lb*Bottom *gy. sdy Bottom*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *53* Surface *54* DriftTrawl or dredge *8' Tanner's beam trawl*

Am. SOUNDING WIRE.

DOWN.	UP.
<i>4.45.00</i>	
<i>4.45.30</i>	
<i>4.46.00</i>	
<i>4.46.30</i>	
<i>4.47.00</i>	
<i>4.47.30</i>	
<i>4.48.00</i>	
<i>4.48.30</i>	
<i>4.49.00</i>	
<i>4.49.30</i>	
<i>4.50.00</i>	
<i>4.50.30</i>	
<i>4.51.00</i>	
<i>4.51.30</i>	
<i>4.52.00</i>	
<i>4.52.30</i>	
<i>4.53.00</i>	
<i>4.53.30</i>	
<i>4.54.00</i>	
<i>4.54.30</i>	
<i>4.55.00</i>	
<i>4.55.30</i>	
<i>4.56.00</i>	
<i>4.56.30</i>	
<i>4.57.00</i>	
<i>4.57.30</i>	
<i>4.58.00</i>	
<i>4.58.30</i>	
<i>4.59.00</i>	
<i>4.59.30</i>	
<i>4.59.55</i>	

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Am. DREDGE ROPE.

DOWN.

UP.

*4.42.00**4.42.30**4.43.00**4.43.30**4.44.00**4.44.30**4.45.00**4.45.30**4.46.00**4.46.30**4.47.00**4.47.30**4.48.00**4.48.30**4.49.00**4.49.30**4.50.00**4.50.30**4.51.00**4.51.30**4.52.00**4.52.30**4.53.00**4.53.30**4.54.00*

Station 1000

	2500	
	2600	
	2700	2.41.20
	2800	1.11.10 1.02.20
	2900	1.11.10 1.02.20
So. Course, No. 2	3000	
Oceanic	3100	
Coastal	3200	
Depth	3300	
20.12	3400	
15.11	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *21* Date *May 14*
Sigsbee Machine. Reel. *1*
 Turns *57* Cor. + *4* Depth *61*
 Shot or lead *36 lb.*
 Bottom *br. gy. S.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *53°* Surface *53°* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2. 29.00 / 8 32.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4471* Date *July 11 1881**Sigsbee* Machine. Reel.Turns *281* Cor. + *22* Depth *3*Shot or lead *36 lbs*Bottom *S*Bottom temperature *—*No. of thermometer *—* Cor. *—*Corrected temperature *—*Air *54°* Surface *53°* DriftTrawl or dredge *8' Dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
numerous gulls	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *100* Date *10/13/11*
Machine. *Reel.*
 Turns *60* Cor. + *5* Depth *65*
 Shot or lead
 Bottom *red*
 Bottom temperature *2*
 No. of thermometer *✓* Cor.
 Corrected temperature
 Air *55°* Surface Drift
 Trawl or dredge *10' Blake*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		✓ 500		
		600		
		✓ 700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
1.5	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1124* Date *11/1/00*
Sigsbee Machine. Reel.
 Turns *55* Cor. + *4* Depth *59 fms*
 Shot or lead *36 lbs*
 Bottom *gy. S. M.*
 Bottom temperature
 No. of thermometer *1* Cor.
 Corrected temperature
 Air *55°* Surface *55°* Drift
 Trawl or dredge *10' Blake as before*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*General Character
of Bottom*

Position August

Time A M 10.54.1

5 1/2 G Weather clearing No. of. Clouds	2500	✓	Side to Day	42° 30'
	2600		Side to Day	
	2700		Time A M	
	2800			
	2900			
	3000			
	3100			
	3200			
	3300			
	3400			
	3500			
	3600			
	3700			
	3800			
	3900			
	4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date:

May 14 1881

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead: 36 lb

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge 10' (9)

SOUNDING WIRE.

DOWN. 11 11 UP.

TURNS.

DREDGE ROPE.

DOWN. 11 11 UP.

11.35.00

✓

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11.38.00 25 + 3 = 38

11.46.00 31 + 2 = 33

11.52.00 32 + 2 = 34

good haul,
 good dredging
 bottom.

30.10		2500	104.82
60°		2600	
Li 26800		2700	11.4.10
		2800	27.90
		2900	
		3000	
		3100	11.54.30
		3200	
		3300	80.20
		3400	60.05
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4455* Date *11 Nov 1894*
Sigsbee Machine. Reel. *#1 Navy*
 Turns *132* Cor. + *10* Depth *142 fms.*
 Shot or lead *36 lb*
 Bottom *gn. M.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *57* Surface *55* Drift
 Trawl or dredge *10' Blake, prearranged*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
<i>2.00.00</i>	<i>5.55.00</i>	500		
<i>2.02.00</i>	<i>5.53.00</i>	600		
<i>2.04.00</i>	<i>5.51.00</i>	700		
<i>2.06.00</i>	<i>5.49.00</i>	800		
<i>2.08.00</i>	<i>5.47.00</i>	900		
<i>2.10.00</i>	<i>5.45.00</i>	1000		
<i>2.12.00</i>	<i>5.43.00</i>	1100		
<i>2.14.00</i>	<i>5.41.00</i>	1200		
		1300		
		1400		
		1500		
		1600		
<i>A line was</i>		1700		
<i>drawn in</i>		1800		
<i>and the</i>		1900		
<i>load</i>		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
Loc. Comm. S. S. E	2900	Position:
Clear, no wind, heavy mist	3000	no angles on bearings
all around ship.	3100	could be obtained on
2 miles	3200	account of heavy mist
2 miles	3300	
	3400	
2 miles, several.	3500	lights. 9.25.30
	3600	Salmon - S.E. by E, 5/8 E
	3700	Light - 1/8 E
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4.7.25	5.6.12	61.23'
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 445* Date *11 Nov. 94*

Sigsbee Machine. Reel. *A / Navy*

Turns *36* Cor. + *3* Depth *39 fms.*

Shot or lead *36 lb*

Bottom *fm. gy. s.*

Bottom temperature

No. of thermometer *11* Cor.

Corrected temperature

Air *54* Surface *58* Drift

Trawl or dredge *10' beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7 50.00</i>		0	<i>2. - 25</i>	<i>10 22.00</i>
		<i>100</i>		<i>20.00</i>
		<i>60</i>		<i>12.00</i>
		200		<i>10.00</i>
		300		
		400		
<i>10.00</i>	<i>39</i>	500	<i>10.15</i>	
<i>08.00</i>	<i>31</i>	600		
<i>10.00</i>	<i>25</i>	700	<i>from 10.15 to 17.30</i>	
		800	<i>2.5 min.</i>	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
Dr. Canal E.S.E.	2900	Position:
Clear over head, hazy horizon	3000	9.40.20
Light air, W.S.W.	3100	10.00.00
Smooth sea	3200	10.05.00
Bar. 29.98	3300	10.06.18
Therm. at. 60	3400	10.07.00
Barometer, 10.00.00	3500	10.08.00
	3600	10.09.00
	3700	10.10.00
	3800	10.11.00
	3900	10.12.00
	4000	10.13.00

SERIAL TEMPERATURES. *Sol to No. 84° 57'*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *41177* Date *11 17 1874*
Sigsbee Machine. Reel. *A' Navy*
 Turns *18* Cor. + *1* Depth *19 fms.*
 Shot or lead *36 lb*
 Bottom *gn M*
 Bottom temperature
 No. of thermometer *✓* Cor.
 Corrected temperature *2*
 Air *54* Surface *55* Drift
 Trawl or dredge *10' Blake as before*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*10.20.15**V**0**10.22.15**10.25.00**100**10.24.15**10.27.00**200**10.26.15**10.29.00**300**10.28.15**10.31.00**400**10.30.15**10.33.00**500**10.32.15**10.35.00**600**10.34.15**10.37.00**700**10.36.15**10.39.00**800**10.38.15**10.41.00**900**10.40.15**10.43.00**1000**10.42.15**10.45.00**1100**10.44.15**10.47.00**1200**10.46.15**10.49.00**1300**10.48.15**10.51.00**1400**10.50.15**10.53.00**1500**10.52.15**10.55.00**1600**10.54.15**10.57.00**1700**10.56.15**10.59.00**1800**10.58.15**11.01.00**1900**10.59.15**11.03.00**2000**11.01.15**11.05.00**2100**11.03.15**11.07.00**2200**11.05.15**11.09.00**2300**11.07.15**11.11.00**2400**11.09.15**11.13.00*

	2500	
	2600	
	2700	
	2800	
	2900	
Dr. Coe, S. L.	3000	10.25.05
Observations	3100	10.25.10
25	3200	10.25.15
thing is not certain,	3300	10.25.20
for many years	3400	10.25.25
and, perhaps, long.	3500	10.25.30
	3600	10.25.35
	3700	10.25.40
	3800	10.25.45
	3900	10.25.50
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Δ. 1478* Date *16 May 1904**Sigsbee* Machine. Reel.Turns *28* Cor. + *2* Depth *30 fms*Shot or lead *36 lbs*Bottom *ms*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *58.0* Surface *54.0* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		<i>16 20</i>
		100		<i>27</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300	<i>Small Crawfish</i>	
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

These angles are
taken to establish
position of O Mass.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

Position Angles

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
		<i>and Bearings</i>		
25				
50				
100				
200		<i>Starting North House</i>	<i>NNW 1/8 W</i>	
300				
400		<i>South of Long St House</i>	<i>NW 1/4 N</i>	
500		<i>Long St to Sineau to Sineau</i>	<i>30° 00'</i>	
600		<i>to Long St House</i>	<i>N 1/2 W</i>	
700				
800				
900				
1000				

REMARKS:

No. *D. 4479* Date *Mar 11*
1881 Machine. Reel.
Turns *31* Cor. + *2* Depth *33*
Shot or lead *36.66*
Bottom *hds*
Bottom temperature *—*
No. of thermometer *—* Cor. *—*
Corrected temperature *—*
Air *55* Surface *54°* Drift *—*
Trawl or dredge *10' Isa. Net*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dredge Coring ESE 1/2

B. n. 29. 20

: 2.20.05

11

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

3/8

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4480* Date *May 16th 04**Sigsbee* Machine. Reel.Turns *()* Cor. + *-* DepthShot or lead *32 lbs**76 fms*Bottom *dk gn M S*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *55°* Surface *54°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN. *250.00* UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

<i>250.00</i>	<i>250.00</i>	0	<i>250.00</i>	<i>315.00</i>
		100		<i>247.00</i>
		200		<i>217.00</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
<i>2.05.00 - 50</i>	<i>14 = 54</i>	1200		
<i>3.06.00 - 50</i>	<i>+ 4 = 54</i>	1300		
<i>3.07.00 - 50</i>	<i>+ 4 = 54</i>	1400		
<i>4.08.00 - 50</i>	<i>+ 4 = 54</i>	1500		
<i>3.16</i>		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Angles & Bearings:

Drift, Current, etc.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *11* Date *July 11 1881**Sigsbee* Machine. Reel.Turns *46* Cor. + *4* Depth *50*Shot or lead *30 lb*Bottom *hard*Bottom temperature *—*No. of thermometer *—* Cor. *—*Corrected temperature *—*Air *56°* Surface *55°* Drift *—*Trawl or dredge *—*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

75 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

No.

Date

Sigsbee Machine. Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

good haul.

	2500	
	2600	
	2700	
	2800	
<i>nothing</i>	2900	<i>Fog obscured</i>
<i>light.</i>	3000	<i>land, hence no</i>
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4482* Date *17 May 1904*
Sigsbee Machine. Reel. *11*
 Turns *42* Cor. + *2* Depth *44*
 Shot or lead *36 lb*
 Bottom *gy. m.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *53* Surface *54* Drift
 Trawl or dredge *10' beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.10.</i>		0	<i>4.10.00</i>	<i>4.10.00</i>
		100		
		200	<i>4.10.20</i>	<i>4.10.20</i>
<i>4.10.30</i>		300	<i>4.10.40</i>	<i>4.10.40</i>
<i>4.11.00</i>		400		
<i>4.11.10</i>		500	<i>4.11.10</i>	<i>4.11.10</i>
<i>4.11.20</i>		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
<i>Dr. Combs, ESE 1/2 E</i>	2800	<i>Dr. Combs</i>
<i>Cherry Hill, Nemo</i>	2900	<i>70</i>
<i>Cherry Hill</i>	3000	
<i>Cherry Hill</i>	3100	
<i>Cherry Hill</i>	3200	
<i>Cherry Hill</i>	3300	
	3400	
	3500	
	3600	<i>Time</i>
	3700	<i>Blue</i>
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4484* Date *17 17th 1904**Sigsbee* Machine. Reel.Turns *42* Cor. + *3* Depth *45 fms.*Shot or lead *36 lb*Bottom *gy. m. s.*Bottom temperature *-*No. of thermometer *-* Cor. *-*Corrected temperature *-*Air *52* Surface *54* DriftTrawl or dredge *10' Blake**am* SOUNDING WIRE.

TURNS.

am DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

7.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			10.05.47	
50			N 5/8 E	
100			27 25	
200			Sluff	
300			10.10.5	
400			Tank N 3/8 E	
500			Tank to 21° 55'	
600			Sluff	
700				
800				
900				
1000				

REMARKS:

	2500	
	2600	
	2700	
Dr. Com. ESE 1/2 E.	2800	
Clear blue sky, wind light	2900	
gentle breeze at 10.	3000	
Smooth Sea.	3100	
Bar. 30.07	3200	
Therm. at. 57.	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sound? Both ways of
 land or sea side

No. 4486. Date 1/1/1900

Machine. Reel.

Turns 15 Cor. + 1 Depth 16 fms.

Shot or lead 35 lb

Bottom mud and sh

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 38° Surface 35° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	1	0		3.00
		100	1.45.00	
		200		
		300		
		400		
		500		2.07.00
		600		2.15.00
		700		
		800		
		900	while getting in portion to heave in, it blowing a fresh gale ahead	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

207 Aug 34.16 - 14.03

	2500	
58° E 1/2 N	2600	2
	2700	41.77
	2800	
	2900	
	3000	
141 miles from	3100	32.21
	3200	70.7
	3300	50.72
	3400	37.43
	3500	
	3600	72.7
	3700	
	3800	
	3900	50.75
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR. 7.51.55	COR. TEMP.
25				2.76 1
50				6.76 436 71° 48
100				on 48
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

analog and Sausal both right and same point

No. *1884* Date *May 17, 1904*

Machine Machine. Reel.

Turns *17* Cor. + *1* Depth *18*

Shot or lead *36 lbs*

Bottom *gy. c.*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *58°* Surface *55°* Drift *—*

Trawl or dredge *017* *473* *474* *475* *476* *477* *478* *479* *480* *481* *482* *483* *484* *485* *486* *487* *488* *489* *490* *491* *492* *493* *494* *495* *496* *497* *498* *499* *500* *501* *502* *503* *504* *505* *506* *507* *508* *509* *510* *511* *512* *513* *514* *515* *516* *517* *518* *519* *520* *521* *522* *523* *524* *525* *526* *527* *528* *529* *530* *531* *532* *533* *534* *535* *536* *537* *538* *539* *540* *541* *542* *543* *544* *545* *546* *547* *548* *549* *550* *551* *552* *553* *554* *555* *556* *557* *558* *559* *560* *561* *562* *563* *564* *565* *566* *567* *568* *569* *570* *571* *572* *573* *574* *575* *576* *577* *578* *579* *580* *581* *582* *583* *584* *585* *586* *587* *588* *589* *590* *591* *592* *593* *594* *595* *596* *597* *598* *599* *600* *601* *602* *603* *604* *605* *606* *607* *608* *609* *610* *611* *612* *613* *614* *615* *616* *617* *618* *619* *620* *621* *622* *623* *624* *625* *626* *627* *628* *629* *630* *631* *632* *633* *634* *635* *636* *637* *638* *639* *640* *641* *642* *643* *644* *645* *646* *647* *648* *649* *650* *651* *652* *653* *654* *655* *656* *657* *658* *659* *660* *661* *662* *663* *664* *665* *666* *667* *668* *669* *670* *671* *672* *673* *674* *675* *676* *677* *678* *679* *680* *681* *682* *683* *684* *685* *686* *687* *688* *689* *690* *691* *692* *693* *694* *695* *696* *697* *698* *699* *700* *701* *702* *703* *704* *705* *706* *707* *708* *709* *710* *711* *712* *713* *714* *715* *716* *717* *718* *719* *720* *721* *722* *723* *724* *725* *726* *727* *728* *729* *730* *731* *732* *733* *734* *735* *736* *737* *738* *739* *740* *741* *742* *743* *744* *745* *746* *747* *748* *749* *750* *751* *752* *753* *754* *755* *756* *757* *758* *759* *760* *761* *762* *763* *764* *765* *766* *767* *768* *769* *770* *771* *772* *773* *774* *775* *776* *777* *778* *779* *780* *781* *782* *783* *784* *785* *786* *787* *788* *789* *790* *791* *792* *793* *794* *795* *796* *797* *798* *799* *800* *801* *802* *803* *804* *805* *806* *807* *808* *809* *810* *811* *812* *813* *814* *815* *816* *817* *818* *819* *820* *821* *822* *823* *824* *825* *826* *827* *828* *829* *830* *831* *832* *833* *834* *835* *836* *837* *838* *839* *840* *841* *842* *843* *844* *845* *846* *847* *848* *849* *850* *851* *852* *853* *854* *855* *856* *857* *858* *859* *860* *861* *862* *863* *864* *865* *866* *867* *868* *869* *870* *871* *872* *873* *874* *875* *876* *877* *878* *879* *880* *881* *882* *883* *884* *885* *886* *887* *888* *889* *890* *891* *892* *893* *894* *895* *896* *897* *898* *899* *900* *901* *902* *903* *904* *905* *906* *907* *908* *909* *910* *911* *912* *913* *914* *915* *916* *917* *918* *919* *920* *921* *922* *923* *924* *925* *926* *927* *928* *929* *930* *931* *932* *933* *934* *935* *936* *937* *938* *939* *940* *941* *942* *943* *944* *945* *946* *947* *948* *949* *950* *951* *952* *953* *954* *955* *956* *957* *958* *959* *960* *961* *962* *963* *964* *965* *966* *967* *968* *969* *970* *971* *972* *973* *974* *975* *976* *977* *978* *979* *980* *981* *982* *983* *984* *985* *986* *987* *988* *989* *990* *991* *992* *993* *994* *995* *996* *997* *998* *999* *1000*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dr. Course 6' 15" Sh. at S Wind		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *201* Date *May 17, 1901*

Machine. Reel.

Turns *19* Cor. + *1* Depth *20*

Shot or lead

Bottom *fine s*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *58°* Surface *58°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4489. Date 8 Nov 1904.

Tanner Machine. Reel.

Turns 20 Cor. + 0 Depth 20 fms.

Shot or lead 26 lb.

Bottom dk gy S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 57

Surface 55

Drift

Trawl or dredge 16' T. dredge, 3' net, 10' beam.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	7.38.00	7.57.00
		400	7.41.00	7.54.00
		30		
		200		
		300	16 min.	
		400		
		500		
		600		
		700	General character	
		800	of Bottom:	
		900		
		1000	very	
		1100	bottom,	
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
Dr. Combs, L.L.D.	2900	
Partly clear, blue sky.	3000	Surface 18.5
Gentle breeze	3100	18.5
Smooth sea.	3200	18.5
Sea.	3300	Signal to 18.5
Sea.	3400	18.5
Whole line, and some	3500	18.5
Whole line, Bagnells.	3600	18.5
	3700	18.5
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4440* Date *Feb 18 1894*
Tanner Machine. Reel. *1*
 Turns *20* Cor. + *0* Depth *20 fms*
 Shot or lead *25 lbs*
 Bottom *fine sil. S.*
 Bottom temperature
 No. of thermometer *—* Cor.
 Corrected temperature *—*
 Air *57°* Surface *52* Drift
 Trawl or dredge *B*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

✓

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

70-40.0

N^o 46

11

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4491* Date *May 1892**Sigsbee* Machine. Reel.Turns *20* Cor. + *0* Depth *20 fms.*

Shot or lead

Bottom *hard sand*

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Dr Course

SSE 1/2

Bar.

L. 11

Wind

Motion

Sea

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4492*Date *May 18 - 1904*

Tanner

Machine.

Reel.

Turns *26* Cor. + *0*Depth *26 fms*Shot or lead *26 lbs*Bottom *sf M*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *59°* Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	103
	3200	882 1/2
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *111* Date *May 18 - 1881*

Machine. Reel.

Turns *29* Cor. + *0* Depth *29 fms*Shot or lead *26 lbs*Bottom *sft M*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *59°* Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D 4494*Date *May 18, 1900*

Tanner

Machine.

Reel.

Turns *27* Cor. + *0*Depth *27 fms*Shot or lead *26 lbs.*Bottom *hd S*Bottom temperature *—*No. of thermometer *—*

Cor.

Corrected temperature *—*Air *53°*Surface *54°*

Drift

Trawl or dredge */*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>00</i>		0	<i>10.5</i>	<i>19.00</i>
		100	<i>12.5</i>	<i>11.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4495* Date *May 18 1904*

Tanner Machine. Reel.

Turns *23* Cor. + *1* Depth *23* fmsShot or lead *26 lb*Bottom *hard*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *53* Surface *54* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

4493

Date

19 May 1924

Machine.

Reel.

Turns

10

Cor. +

0

Depth

10

fms.

Shot or lead

36 lb

Bottom

fine gy L. s. sh.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

52

Surface

54

Drift

Trawl or dredge

16 ft. beam trawl, 20 ft. tow, prevailing g.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7:27.30

✓

0

7:36.00

7:37.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Inter: 2 dms.

24 - 10 dms.

40 - 10 "

100 - 10 "

at 7:45 heavy strain
run out to 100 fms. -

Outboard runner

found to be twisted

and not in line

at dead end. This

evidently from

contact with rocks

on bottom. A

fossil

rock was in

side the net; rock of

about 100 ft. out. - One

bride stop curved away

- the outboard one

Small Charact.

at 1000 fms.

hard sand, clusters

of rocks.

at 1100 fms.

at 1200 fms.

at 1300 fms.

at 1400 fms.

at 1500 fms.

at 1600 fms.

at 1700 fms.

at 1800 fms.

at 1900 fms.

at 2000 fms.

at 2100 fms.

at 2200 fms.

at 2300 fms.

at 2400 fms.

	2500	
	2600	
	2700	
	2800	
Dr. Comai, L.C.L. 25.	2900	Position:
Some fog.	3000	Line begins off Sangre
	3100	Line begins off Sangre
Smooth sea. wind weak.	3200	Some fog - no anchor
Bar. 30.05	3300	
Ther. at. 50°	3400	
few Pelicans and	3500	
numerous smaller birds.	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

19 May 1904

Name

Machine.

Reel.

Turns 11 Cor. + 0

Depth 11 fms.

Shot or lead 26 lb.

Bottom R. gy S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 52° Surface 54° Drift

Trawl or dredge 10' Blake, trawl, 10' dredge, 10' dredge.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8		0		
		100		
		200		
		300		
		400		
	14	500		
	15	600		
	14	700		
	14	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4498* Date *May 19. '04**Tanner* Machine. Reel.Turns *16* Cor. + *0* Depth *16 f.*Shot or lead *26 lbs*Bottom *S. & M.*

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature

Air *53°* Surface *53°* DriftTrawl or dredge *8' Tanner beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>0 47 00</i>	<i>0 11 30</i>
		100	<i>1 10</i>	
		200		
<i>15</i>	<i>15</i>	300	<i>2 00</i>	<i>10 00</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500	<i>Bottom</i>	
		1600	<i>dark sand bottom</i>	
		1700	<i>finey green sand</i>	
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Tracy

8.47.40 am

2.1.11

112

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

N 10° W

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D 4499* Date *May 19**Tanner* Machine. Reel.Turns *15* Cor. + *0* Depth *15*Shot or lead *36 lbs*Bottom *brk S*

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air *53.9* Surface *15.40* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100'

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*15**10.00**14**Link Separator**Anchor*

Foggy

Dredging Course
E S E 1/2 E

Bar

Therm at

rest as before

Sun scolding fog

9.40 am. more fog
settling in from seaward,
from Wd., thicker than
before.

H.W.R.

Dr 4500

May 19 - 1904

Tanner Machine

14 Turns + 0 cor =

14 fms

Bottom

Temp. Air and Surface water ocean

Trawl used: 8' Tanner, 3 light 2' ² fms wings & 1 ² fms ² fms

Sounding Wire

Down 2 M. up

Dredge Rope

Down 2 M. up

9.46.50

9.47

9.49

9.51

9.53

9.55

9.57

9.59

10.01

10.03

10.05

10.07

10.09

10.11

10.13

10.15

10.17

10.19

10.21

10.23

10.25

10.27

10.29

10.31

10.33

10.35

10.37

10.39

Dredg Course
SSE 1/2 E

Bar. }
Therm. } see log

Two butterfly
bow runners (No 10 boeing silk)
rings made fast to eyebolts on middle

Continued in book # 8

W N W N W

W N W N W

34 353

